

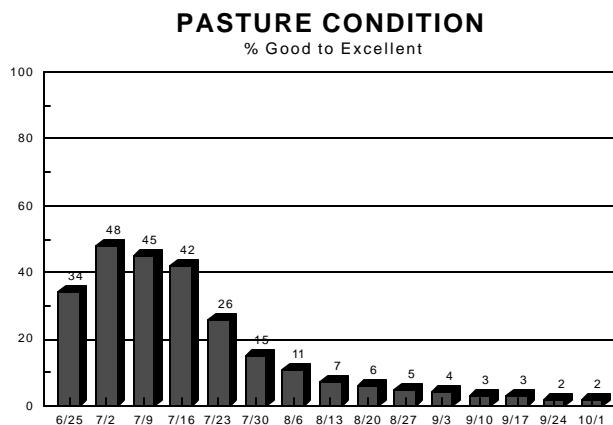
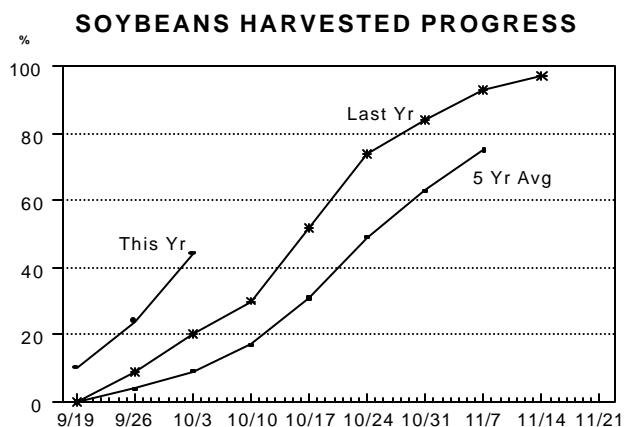
AGRICULTURAL NEWS: Widely scattered showers brought varying amounts of precipitation to the State. Rainfall provided only very limited relief to the drought conditions. Days suitable for fieldwork averaged 5.1 out of a possible six days. Harvesting soybeans, sowing cover crops, and tending to livestock were among the main farm activities reported. **Topsoil moisture** as of Friday, October 1 was rated 68 percent very short, 27 percent short, and 5 percent adequate. **Subsoil moisture** was rated 78 percent very short, 21 percent short, and 1 percent adequate.

TOBACCO: As of Sunday, October 3, **burley tobacco** was 96 percent cut compared to 94 percent last year, and 92 percent on average. **Dark tobacco** was 98 percent cut, ahead of both the 94 percent for the previous year and the 93 percent for the average. Cured tobacco was reported as being light in color with little to no houseburn. As of Friday, October 1 five percent of the crop was stripped, 29 percent was ready to strip, and 66 percent was not fully cured. Condition of housed tobacco was reported as 6 percent very poor, 18 percent poor, 40 percent fair, 32 percent good, and 4 percent excellent.

CORN: As of October 3, 88 percent of the corn crop was harvested. This compares to 68 percent the previous year, and 47 percent for the five-year average.

SOYBEANS: The condition of the soybean crop last week was rated 23 percent very poor, 35 percent poor, 25 percent fair, 15 percent good, and 2 percent excellent. As of Sunday, October 3, 82 percent of the soybean crop was shedding leaves compared to 68 percent last year, and 55 percent on average. Forty-four percent of the soybean crop was harvested. This compares to 20 percent last year, and the five year average of 9 percent. Eighty percent of the soybean crop was reported to be sufficiently mature to be safe from frost damage.

OTHER CROPS: **Wheat** seeding, as of October 3, was just getting underway with 14 percent complete. This compares to 17 percent the previous year and the five year average of 14 percent. Many producers are reluctant to seed due to concerns about the amount of moisture in the ground being sufficient to germinate the crop. **Pasture** conditions continued to suffer due to the lack of significant rainfall. Pastures as of October 3 were rated 54 percent very poor, 29 percent poor, 15 percent fair, and 2 percent good. Hay continues to be fed to livestock due to poor pasture conditions. Water for livestock was less of a problem due to the rainfall received last week. Many producers are concerned about hay supplies lasting until spring. Livestock sales continue at elevated levels due to short supplies of long term feed.



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 3, 1999
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	82	68	55	77	76
Harvested	44	20	9	24	15
Corn					
Mature	100	97	89	100	85
Harvested	88	68	47	87	19
Burley Tobacco Cut	96	94	92	95	NA
Dark Tobacco Cut	98	94	93	95	NA

(NA) Data Not Available

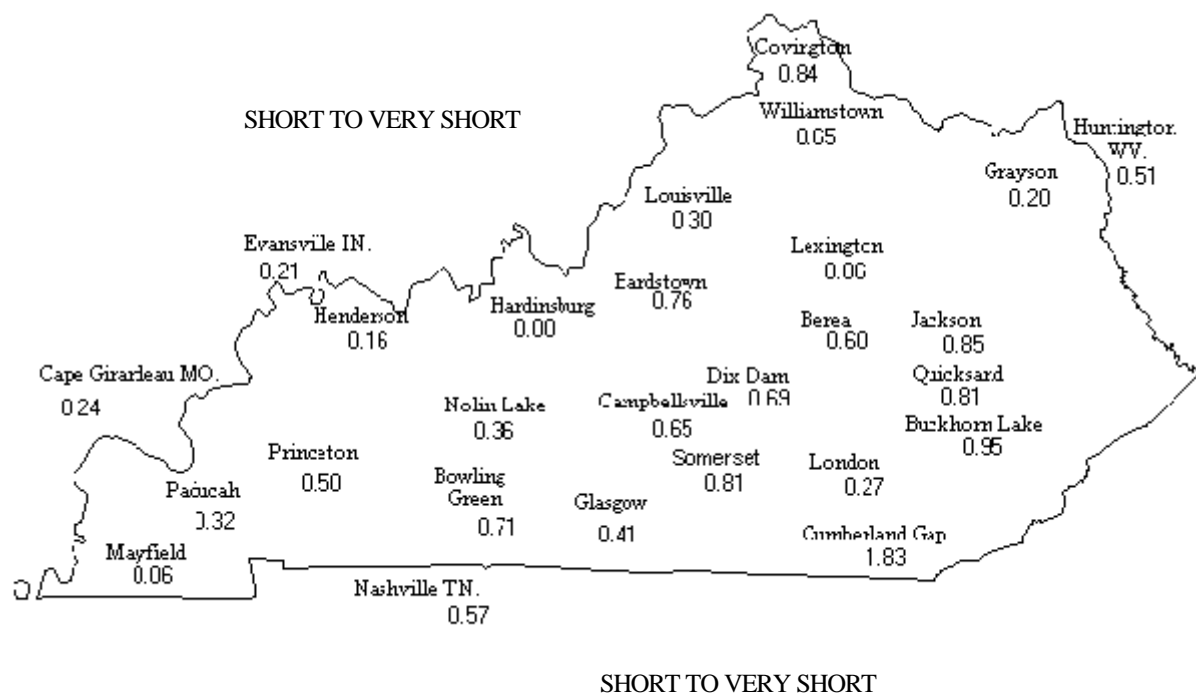
SOIL MOISTURE
WEEK ENDING OCTOBER 1, 1999
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	68	83
Short	27	16
Adequate	5	1
Surplus	0	0
SUBSOIL		
Very Short	78	88
Short	21	12
Adequate	1	0
Surplus	0	0

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING OCTOBER 1, 1999					WEEK ENDING SEPTEMBER 24, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Soybeans	23	35	25	15	2	25	36	27	11	1
Pasture	54	29	15	2	0	60	29	9	2	0
Tobacco	6	18	40	32	4	6	19	37	33	5

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 3, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 1, 1999



KENTUCKY WEATHER SUMMARY, SEPTEMBER 27 - OCTOBER 3, 1999:**ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:**

The last days of September and first days of October was the end of a three month period, July thru September, that was the driest this century for the Bluegrass state.

RANK	YEAR	JULY - SEPT.
1	1999	5.74
2	1983	5.93
3	1930	6.06
4	1953	6.50
5	1919	7.17

Temperatures for the past week averaged 65 degrees across the state which was 2 degrees ABOVE NORMAL. High temperatures averaged from 82 in the West to 78 in the East. Departure from normal high temperatures were 5 degrees ABOVE NORMAL statewide. Low temperatures averaged from 50 degrees in the West to 51 degrees in the East. Departure from normal low temperature ranged from 4 degrees BELOW NORMAL in the West to NEAR NORMAL in the East. Rainfall this past week totaled 0.55 inches statewide which was 0.20 inches BELOW NORMAL. Rainfall totals by climate division, West 0.25 inches, Central 0.42 inches, Bluegrass 0.73 inches and East 0.78 inches, which was -0.51, -0.34, +0.02 and +0.04 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at Hardinsburg to a high of 1.83 inches at Cumberland Gap.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, OCTOBER 3, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Dev. Last Since Week Apr. 1	Since Apr. 1	
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.76	14.64	1.23	-9.75	-1.69	88	37	66.0	+3	120	3683	+231
Berea	0.60	17.32	2.59	-8.38	-1.01	85	43	64.8	+2	111	3640	+62
Bowling Green	0.71	13.57	2.29	-12.12	-1.10	90	40	64.8	+1	113	3932	+324
Bristol	0.58	17.51	0.89	-4.23	-2.08	82	38	63.6	+1	110	3488	+158
Buckhorn Lake	0.95	15.48	1.31	-8.95	-2.01	87	38	64.1	+2	114	3572	+425
Cape Girardeau	0.24	13.73	0.46	-10.25	-2.81	92	33	64.4	-1	119	3733	-29
Campbellsville	0.65	16.10	1.57	-12.87	-2.60	87	40	65.8	+2	120	3770	+225
Covington	0.84	14.15	0.86	-8.47	-1.82	89	40	63.9	+2	103	3436	+168
Cumberland Gap	1.83	17.17	1.92	-8.98	-0.97	85	40	64.6	+2	114	3629	+329
Dix Dam	0.69	15.01	1.62	-10.04	-1.50	87	43	65.4	+3	112	3602	+108
Evansville	0.21	17.48	0.39	-5.18	-2.36	92	41	64.2	-1	110	3638	+32
Glasgow	0.41	13.95	1.68	-13.78	-1.85	90	40	66.6	+3	121	3961	+446
Grayson	0.20	17.56	0.25	-5.82	-2.33	88	42	65.4	+3	116	3629	+515
Hardinsburg	0.00	16.48	0.12	-8.99	-3.22	93	41	65.9	+2	114	3715	+77
Henderson	0.16	17.60	0.43	-5.99	-2.72	91	39	66.7	+1	123	3795	+156
Huntington	0.51	14.22	0.90	-9.30	-1.72	86	41	64.2	+2	109	3571	+273
Jackson	0.85	18.97	1.14	-6.49	-2.07	86	42	65.1	+3	110	3613	+466
Lexington	0.86	13.35	1.28	-11.04	-1.64	88	43	65.4	+3	111	3630	+302
London	0.27	15.90	1.10	-7.72	-2.07	86	39	63.6	+1	106	3579	+309
Louisville	0.30	18.03	0.53	-5.75	-2.37	89	44	66.2	+3	115	3774	+137
Mayfield	0.06	17.50	0.26	-8.57	-3.40	88	41	64.8	-1	112	3828	+126
Nashville	0.57	18.88	1.97	-5.03	-1.13	89	43	66.4	+3	118	4116	+230
Nolin Lake	0.36	16.64	1.43	-10.62	-2.39	91	41	65.7	+2	116	3840	+479
Paducah	0.32	20.25	0.58	-5.26	-2.79	92	39	65.8	+0	120	3873	+142
Princeton	0.50	20.35	1.03	-5.19	-2.04	96	39	69.4	+4	137	4034	+301
Quicksand	0.81	19.92	1.08	-5.54	-2.13	87	37	63.9	+2	113	3509	+362
Somerset	0.81	22.47	1.84	-4.32	-1.81	84	39	64.5	+2	114	3600	+209
Spindletop	0.76	10.45	1.03	-13.94	-1.89	88	43	66.0	+4	114	3590	+262
Williamstown	0.65	11.47	0.79	-12.60	-2.16	89	42	66.5	+4	118	3700	+369

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
SEP 25, 1999

UPDATED WEEKLY

